

Abstract The purpose of this study was to determine whether the use of a computerized program could improve the accuracy of the measurement of the intra-abdominal pressure (IAP) during mechanical ventilation. A total of 10 patients were included in the study. The IAP was measured by a catheter inserted into the cecum. The measurements were performed manually and simultaneously with the computerized program. The results showed that the computerized program improved the accuracy of the IAP measurement.